Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072419\
Data File : VN056891.D
Acq On : 23 Jul 2019 21:29
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN072419

Quant Time: Jul 24 03:55:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 24 03:39:51 2019
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	101	0.00
2	M	Dichlorodifluoromethane	20.000	20.616	-3.1	105	0.00
3	M	Chloromethane	20.000	20.690	-3.5	106	0.00
4	M	Vinyl Chloride	20.000	20.055	-0.3	102	0.00
5	M	Bromomethane	20.000	22.228	-11.1	115	0.00
6	M	Chloroethane	20.000	19.832	0.8	101	0.00
7	M	Trichlorofluoromethane	20.000	19.938	0.3	103	0.00
8	T	Diethyl Ether	20.000	19.847	0.8	101	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.904	0.5	103	0.00
10	M	1,1-Dichloroethene	20.000	20.204	-1.0	105	0.00
11		Methyl Iodide	20.000	17.391	13.0	93	0.00
12		Methyl Acetate	20.000	17.950	10.3	98	0.00
13	M	Acrolein	100.000	86.996	13.0	88	0.00
14	M	Acrylonitrile	100.000	97.125	2.9	101	0.00
15	M	Acetone	100.000	98.615	1.4	99	0.00
16	M	Carbon Disulfide	20.000	20.017	-0.1	108	0.00
17		Allyl chloride	20.000	19.111	4.4	102	0.00
18	M	Methylene Chloride	20.000	19.766	1.2	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.694	1.5	103	0.00
20	T	Diisopropyl ether	20.000	19.719	1.4	100	0.00
21	M	1,1-Dichloroethane	20.000	19.759	1.2	101	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.685	1.6	101	0.00
23	M	tert-Butyl Alcohol	100.000	101.208	-1.2	94	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.717	1.4	104	0.00
25	M	Chloroform	20.000	19.599	2.0	101	0.00
26		Cyclohexane	20.000	20.144	-0.7	106	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.385	2.0	100	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29		1,1-Dichloropropene	20.000	20.241	-1.2	106	0.00
30	M	2-Butanone	100.000	98.398	1.6	101	0.00
31		2,2-Dichloropropane	20.000	18.902	5.5	98	0.00
32	M	1,1,1-Trichloroethane	20.000	20.027	-0.1	104	0.00
33	M	Carbon Tetrachloride	20.000	19.571	2.1	104	0.00
34	M	Benzene	20.000	19.842	0.8	101	0.00
35		Methacrylonitrile	20.000	19.211	3.9	91	0.00
36	M	1,2-Dichloroethane	20.000	19.949	0.3	102	0.00
37	M	Trichloroethene	20.000	19.963	0.2	104	0.00
38		Methylcyclohexane	20.000	19.959	0.2	107	0.00
39	M	1,2-Dichloropropane	20.000	20.112	-0.6	104	0.00
40		Dibromomethane	20.000	19.575	2.1	101	0.00
41	M	Bromodichloromethane	20.000	19.202	4.0	101	0.00
42	M	Vinyl Acetate	100.000	99.615	0.4	103	0.00
43		Ethyl Acetate	20.000	19.525	2.4	102	0.00
44		Isopropyl Acetate	20.000	19.494	2.5	100	0.00
45	T	1,4-Dioxane	400.000	422.762	-5.7	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.712	1.4	104	0.00
47		n-amyl Acetate	20.000	19.128	4.4	105	0.00
48	M	t-1,3-Dichloropropene	20.000	18.943	5.3	104	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.123	4.4	102	0.00
50	M	1,1,2-Trichloroethane	20.000	19.757	1.2	99	0.00
51		Ethyl methacrylate	20.000	19.650	1.8	103	0.00
52		1,3-Dichloropropane	20.000	19.741	1.3	101	0.00
53	M	Dibromochloromethane	20.000	19.116	4.4	101	0.00
54	M	1,2-Dibromoethane	20.000	19.907	0.5	104	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.530	1.5	101	0.00
56	M	Bromoform	20.000	18.323	8.4	100	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	101.205	-1.2	101	0.00
59	M	2-Hexanone	100.000	99.468	0.5	103	0.00
60	S	4-Bromofluorobenzene	30.000	29.447	1.8	103	0.00
61	M	Tetrachloroethene	20.000	19.276	3.6	96	0.00
62	M	Toluene	20.000	19.981	0.1	103	0.00
63	S	Toluene-d8	30.000	30.250	-0.8	101	0.00
64	M	Chlorobenzene	20.000	19.871	0.6	104	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.479	2.6	100	0.00
66	M	Ethyl Benzene	20.000	19.653	1.7	103	0.00
67	M	m/p-Xylenes	40.000	39.832	0.4	104	0.00
68	M	o-Xylene	20.000	19.621	1.9	102	0.00
69	M	Styrene	20.000	19.546	2.3	103	0.00
70		Isopropylbenzene	20.000	19.967	0.2	103	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.163	-0.8	101	0.00
72		1,2,3-Trichloropropane	20.000	18.230	8.8	95	0.00
73		Bromobenzene	20.000	19.666	1.7	104	0.00
74		n-propylbenzene	20.000	19.359	3.2	104	0.00
75		2-Chlorotoluene	20.000	19.886	0.6	103	0.00
76		1,3,5-Trimethylbenzene	20.000	20.008	-0.0	104	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.421	12.9	99	0.00
78		4-Chlorotoluene	20.000	19.363	3.2	104	0.00
79		tert-butylbenzene	20.000	20.182	-0.9	106	0.00
80		1,2,4-Trimethylbenzene	20.000	19.760	1.2	101	0.00
81		sec-Butylbenzene	20.000	19.521	2.4	103	0.00
82		p-Isopropyltoluene	20.000	19.513	2.4	103	0.00
83	M	1,3-Dichlorobenzene	20.000	19.238	3.8	105	0.00
84	M	1,4-Dichlorobenzene	20.000	19.236	3.8	108	0.00
85		n-Butylbenzene	20.000	18.724	6.4	104	0.00
86	T	Hexachloroethane	20.000	19.018	4.9	103	0.00
87	M	1,2-Dichlorobenzene	20.000	19.903	0.5	105	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.194	9.0	96	0.00
89		1,2,4-Trichlorobenzene	20.000	20.299	-1.5	118	0.00
90		Hexachlorobutadiene	20.000	20.113	-0.6	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.967	0.2	119	0.00
92	1,2,3-Trichlorobenzene	20.000	18.730	6.3	117	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0